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Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known				
Application Number	10/015,868			
Filing Date	December 12, 2001			
First Named Inventor	Michael D. Hooven			
Art Unit	3739			
Examiner Name	Rosiland S. Kearney			
Attorney Docket Number	0320-0017			

			U. S. PATEN	r DOCUMENTS	
Examiner initials*	Cite No.	Document Number Number-Kind Code ² (f known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
PR	1	^{US-} 6,126,658	10-3-2000	Baker	
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INFORMATION DISCLOSURE

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STATEMENT BY APPLICANT
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Complete if Known

Application Number 10/015,868

Filing Date December 12, 2001

First Named Inventor Michael D. Hooven

Art Unit 3739

Examiner Name Rosiland S. Rollins

Attorney Docket Number 0320-0017 (HOOV 117)

Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
		Number-Kind Code ^{2 (7 known)}		•	Figures Appear
RE	1	^{US-} 6,050,996	04-18-2000	Schmaltz et al.	
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Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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Application Number	10/015,868			
Filing Date	December 12, 2001			
First Named Inventor	Michael D. Hooven			
Art Unit	3739			
Examiner Name	Rosiland S. Rollins			
Attorney Docket Number	0320-0017 (HOOV 117)			

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Application Number	10/015,868			
Filing Date	December 12, 2001			
First Named Inventor	Michael D. Hooven			
Art Unit	3739			
Examiner Name	Rosiland S. Rollins			
Attorney Docket Number	0320-0017 (HOOV 117)			

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Examiner Initials*	Cite No.	Document Number Number-Kind Code ^{2 (F troop)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
RE	1	^{US-} 6,050,996	04-18-2000	Schmaltz et al.	
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Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	J.
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Examiner Signature	Z , 1/2 ,	Date Considered	9/7/04	

"EXAMINER: Initial if reference considered, whather or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

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respond to a collection of informat	nplete if Known	umber
Application Number	10/015,868	
Filing Date	December 12, 2001	
First Named Inventor	Michael D. Hooven	
Art Unit	3739	
Examiner Name	Rosiland S. Kearney	
Attorney Docket Number	0320-0017 (HOOV 117)	/
	Application Number Filing Date First Named Inventor Art Unit Examiner Name	Filing Date December 12, 2001 First Named Inventor Michael D. Hooven Art Unit 3739

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xaminer sitials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code ² (* known)		late to a del		
RR	1	^{US-} 2,004,559	06-11-1935	Wappler, et al.		
1	2	^{US-} 3,470,875	10-07-1969	Johnson, et al.	_ 	
+	3	US- 4,312,337	01-26-1982	Donohue, et al.		
	4	^{US-} 5.033,477	07-23-1991	Chin, et al.		
	5	US- 5,071,428	12-10-1991	Chin et al.		
	6	US- 6.083,222	07-04-2000	Klien, et al.		
	7	US- 6,096,037	08-01-2000	Mulier, et al.		
	8	US- 6,443,970	09-03-2002	Schulze, et al.		
+-	9	US- 2002/0120263 A1	08-29-2002	Brown, Tony R. et al		
	10	us- 2003/0004507 A1	01-02-2003	Francischelli, et al		
	11	US- 2003/0073991 A1	04-17-2003	Francischelli, et al		
	12	US- 6.517,536	02-11-2003	Hooven, Michael D.		
	13	US- 6,546,935	04-15-2003	Hooven, Michael D.		
-+-	14	US- 2003/0125729 A1	07-03-2003	Hooven, Michael D.		
_+-	15	US- 2003/0093068 A1	03-15-2003	Hooven, Michael D.		
	16	US- 2003/0032952 A1	03-13-2003	Hooven, Michael D.		
	17	US- 2003/0018329 A1	01-23-2003	Hooven, Michael D.		
	18		08-08-2002	Hooven, Michael D.		
-	19		08-22-2002	Hooven, Michael D.		

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Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	16
RR	20	Country Code ³ "Number ⁴ "Kind Code ³ (if known) WO 02 / 087454 A1	11-07-2002	Medtronic, Inc.		
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	Date	1 /
Examiner	Considered	917104
Signature	MPEP 609 Draw line through cita	ation if not in conformance and not

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Art Unit

Substitute for form 1449/PTO **Application Number** 10/015,868 December 12, 2001 Filing Date Michael D. Hooven First Named Inventor

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Rosiland S. Kearney Examiner Name 0320-0017 (HOOV 117) **Attorney Docket Number**

			U. S. PATENT	DOCUMENTS	Pages, Columns, Lines, Where
xaminer hitials*	Cite No.1	Document Number Publication D MM-DD-YY		Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
1111413	110.	Number-Kind Code ² (Finom)	08-08-2002	Hooven, Michael D.	
RP_	21	^{US-} 2002/0120316 A1	08-08-2002	Hooven, Michael D.	
1	22	US- 2002/0103484 A1	07-11-2002	Hooven, Michael D.	
	23	US- 2002/0091384 A1	07-11-2002	Hooven, Michael D.	
	24	us- 2002/0091383 A1 us- 2002/0091382 A1	07-11-2002	Hooven, Michael D.	
	25	US- 2002/0032440 A1	03-14-2002	Hooven, Michael D.	
	26	US- 2001/0031961 A1	10-18-2001	Hooven, Michael D.	
+-	28	US- 6,488,680	12-03-2002	Francischelli et al.	
+	29	us- 6,267,761	07-31-2001	Ryan	
+-	30	US- 6,273,887	08-14-2001	Yamauchi et al.	
+	31	US- 6,296,640	10-02-2001	Wampler et al.	
1	32		05-21-2002	Sun et al. Francischelli et al.	
ユ	33		11-08-2001 08-21-2001	Tetzlaff et al.	
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00	25	Country Code ³ Number ⁴ 'Kind Code ³ (If known) WO 01/82812 A1	11-08-2001	Medtronic, Inc.		┢
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			e neressarv)	Examiner Name	Rosiland S. Kearney	
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¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.